

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S22	16	(US-20040196605-\$).did. or (US-6937190-\$ or US-6058071-\$ or US-6222794-\$ or US-6879300-\$ or US-6253679-\$ or US-6112668-\$ or US-6252551-\$ or US-3621290-\$ or US-6774624-\$ or US-5525994-\$ or US-5621412-\$ or US-5488376-\$ or US-6253067-\$ or US-6476708-\$ or US-6011439-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/09/13 16:35
S23	7	S22 and delay	US-PGPUB; USPAT	OR	OFF	2006/09/13 16:35
S24	12	("2776420"   "2963692"   "3195540"   "3235749"   "3440347").PN. OR ("3621290").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:43
S25	25228	transmit\$4 and battery and voltage and delay	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:44
S26	11861	transmit\$4 and battery and voltage and delay and receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:44
S27	8923	transmitter and battery and voltage and delay and receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:45
S28	7059	S27 and field	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:46
S29	188999	(("307") or ("340") or ("102") or ("325")).CLAS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/13 16:48
S30	1499	S29 and S28	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/13 16:48
S31	43	102/426	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 07:58
S32	31	(102/426).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/14 07:58
S33	195	(102/427).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/14 07:58
S34	216	S32 S33	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:00

## EAST Search History

S35	48	S34 and delay	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:00
S36	247	mine and magnitude same duration	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S37	26	S36 and battery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:17
S38	1077	mine and threshold same time	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S39	0	S37 and battrey	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:21
S40	26	S37 and battery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S41	348	firing adj circuit and threshold same time	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S42	187	firing adj circuit and magnitude same duration	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S43	502	S41 S42	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S44	185	S43 and battery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:24
S45	184	("4338587"   "4691202"   "4888591"   "4912471"   "5053774"   "5086389"   "5128669"   "5144314"   "5144553"   "5164732"   "5196846"   "5253162").PN. OR ("5621412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:46
S46	709	(sleep wakeup wake adj up) and (mine firing adj circuit)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:57
S47	3119	signal with magnitude with duration	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:25
S48	560	S47 and battery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 08:58
S49	19	RF near signal with magnitude with duration	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:26

## EAST Search History

S50	12349	signal with (magnitude threshold) with (duration time) and (transmitter receiver)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 10:18
S51	3107	signal with (magnitude threshold) with (duration time) same (transmitter receiver)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:28
S52	2568	signal with (magnitude threshold) with (duration time) same receiver	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:41
S53	4711	S50 and (RF radio adj frequency)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:29
S54	1156	S52 and (RF radio adj frequency)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:40
S55	4	("5973611" "6323566" "6583715" "6658328").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:40
S56	5	("20010033222" "20040049325" "6243022" "6617961" "6714119").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:40
S57	0	S55 and S56	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:41
S58	9	S55 S56	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:41
S59	1	S58 and signal with (magnitude threshold) with (duration time)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:47
S60	39	("5523746"   "5583486"   "5744874"   "5757086").PN. OR ("6323566").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 09:42
S61	3	S60 and signal with (magnitude threshold) with (duration time)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 09:47
S62	5711	signal with (magnitude threshold) with (duration time) and antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 10:19
S63	700	signal with (magnitude threshold) with (duration time) same antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 10:19
S64	239365	signal with (magnitude threshold) with (duration time) wiht antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 10:19

## EAST Search History

S65	325	signal with (magnitude threshold) with (duration time) with antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 10:19
S66	12	integrating adj delay adj circuit	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:16
S67	1	magnetically adj actuated adj swtich	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:18
S68	10	("2776420"   "2963692"   "3195540"   "3235749"   "3440347").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 12:17
S69	196	"magnetically actuated switches"	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:18
S70	649	magnetically adj actuated adj switch\$3	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:21
S71	36	magneto adj induct\$4 with switch\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:21
S72	676	S70 S71 and antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:22
S73	107	(S70 S71) and antenna\$2	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 12:22
S74	8	("3321644"   "3409786"   "3469114"   "3497726").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 12:37
S75	11	("3321644"   "3409786"   "3469114"   "3497726").PN. OR ("3603946").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 12:38
S76	5	("3603946"   "3644918"   "3661157"   "3679912"   "3807410").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 12:44
S77	68	magnet\$3 with induct\$4 near communication	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:42
S78	1	magnet\$3 with induct\$4 and batery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:42
S79	7817	magnet\$3 with induct\$4 and battery	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:42

## EAST Search History

S80	5605	magnet\$3 with induct\$4 and battery and (switch transistor)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:42
S81	5359	S80 and (power consumption)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:43
S82	1197	S80 and (power adj consumption)	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:50
S83	779	Giat.as.	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:51
S84	25	S83 and magnet\$4	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/14 15:51
S85	24	("3040658"   "3170399"   "3707913"   "3835784"   "3921530"   "4012641"   "4601243"   "4615268"   "4685396"   "4884506"   "4938136"   "4993325"   "5027709"   "5323726"   "5361675").PN. OR ("5458063").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 15:57
S86	26	("3170399"   "3171063"   "3780654"   "3834310"   "4145970"   "4445434"   "4487125").PN. OR ("4685396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:18
S87	11210	capacitance with delay	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 09:00
S88	2	capacitance with delay same signal	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 09:02
S89	1	integrat\$4 with delay same signal	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 09:01
S90	5244	capacitance with delay same signal	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 09:02
S91	257	capacitance with delay same signal and transmitter and receiver	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 09:03
S92	1	"6418121"	US-PGPUB; USPAT; EPO	OR	OFF	2006/09/18 13:02